

ABSTRACT

An innerspring assembly comprising at least two sets of coil springs. In one embodiment, a first set of coil springs has a first elevation, a second set of coil springs has a second elevation different from the first elevation, and wherein one of the first and second sets of coil springs is compressed upon initial loading of the innerspring assembly, and wherein each of the first and second sets of coil springs is compressed upon continued loading of the innerspring assembly. In another embodiment, a first set of coil springs is pre-loaded to a first compressed state and a second set of the coil springs is pre-loaded to a second compressed state that exhibits a different degree of firmness relative to the first compressed state. In yet another embodiment, a first set of the coil springs has a barrel-shaped outer profile while a second set of the coil springs has an hourglass-shaped outer profile. In still another embodiment, each set of coil springs has a barrel-shaped outer profile defining different coil diameters.